

## ABSTRACT

When a slide door stops at an intermediate position over a protection action time start time ( $T\beta$ ), an electric motor is operated in closing direction in low driving force mode. When the move speed ( $V_c$ ) of the slide door is a movable speed ( $V\alpha$ ) or higher, the slide door is moved to its fully closed position by automatic closing action, and an electromagnetic clutch is disconnected. On the other hand, when the move speed ( $V_c$ ) of the slide door is not made to reach the movable speed ( $V\alpha$ ) or higher over a speed judgment time ( $T_j$ ), the electric motor is operated in closing direction in the low driving force mode, and when the move speed ( $V_o$ ) of the slide door is made to reach the movable speed ( $V\alpha$ ) or higher, the slide door is automatically opened. Further, when the move speed ( $V_o$ ) of the slide door is made to reach the movable speed ( $V\alpha$ ) or higher for the speed judgment time ( $T_j$ ), the electric motor is stopped, and the electromagnetic clutch is made into its disconnected status.